

CONTINENTAL BREAKFAST - Sequoia Foyer
7:00am - 8:00am, Thursday, 26 September 2019

WELCOME/OPENING CEREMONIES
Sequoia Ballroom

8:00am - 8:15am
"State of the Society"
Maurice Girard (F), Bombardier
SETP President

8:15am - 8:30am
SYMPOSIUM TEAM INTRODUCTION
General Chairman:
Ricardo Traven (F), The Boeing Company

Symposium Chairman:
Stuart Rogerson (AF), Textron Aviation

Thursday Chairman:
Andrew Soundy (AF), Lockheed Martin
SESSION I - 8:30am - 11:30am

8:30am - 9:00am
"Thinking Big:
First Flight of the World's Biggest Airplane"
Evan Thomas (AF), Scaled Composites
Christopher Guarante (M), Boom Technology
Jake Riley, Scaled Composites

9:00am - 9:30am
"A-29 Super Tucano
Accident Investigation Board Report"
Lt Col Hans Buckwalter, USAF (M)

9:30am - 10:00am - Coffee Break

10:00am - 10:30am
"Shooting For Success:
EA-18G AIM-9X Weapon Separation Testing"
LCDR Ryan McNulty, USN (M)
LCDR Mike Mabrey, USN (PAM)

10:30am - 11:00am
"Preparation Tips For An
Experimental Aircraft Flight Test"
Maj Sato Takuya, JASDF
Capt Hiroki Ohara, JASDF

11:00am - 11:30am
"When 10⁹ Isn't - Our Challenges!"
Rogers Smith (F), CAE MSI USA

11:30am - 1:00pm LUNCH - No formal luncheon

SESSION II
1:00pm - 4:30pm, Thursday, 26 September 2019

1:00pm - 1:30pm
"F-35B Flight Trials With HMS Queen Elizabeth"
Peter Wilson (AF), BAE Systems
Andrew Edgell (M), NTPS
Maj Michael Lippert, USMC (M)

1:30pm - 2:00pm
"Lessons Learned About Cognitive Response Bias
During Airborne Icing Encounters"
John Maris (AF), Certification Center Canada

2:00pm - 2:30pm
"Airshow Execution"
Roy Martin (F)

2:30pm - 3:00pm - Coffee Break

3:00pm - 3:30pm
"Advanced F-15 Flight Control Development -
Feed vs. Forward Flight Controls"
Matthew Giese (M), The Boeing Company
Sankalp Bhan, The Boeing Company

3:30pm - 4:00pm
"G-500 Takeoff Performance Testing"
Ben Luther, Gulfstream Aerospace
Clay Harden, Gulfstream Aerospace

4:00pm - 4:30pm
"S-97 RAIDER"
Bill Fell (AF), Sikorsky Aircraft, A LMCO Corp.
Christiaan Corry, Sikorsky Aircraft, A LMCO Corp.

THURSDAY NETWORKING RECEPTION
Located at the Magic Kingdom Lawn at
The Disneyland Hotel - 6:30pm-11:00pm.
Dinner Service From 7:00-9:00pm

CONTINENTAL BREAKFAST - Sequoia Foyer
7:00am - 8:00am, Friday, 27 September 2019
Friday Chairman: Bryan Carrothers (M), NRC
SESSION III - 8:00am - 11:30am

8:00am - 8:30am
"LauncherOne - True Aerospace Testing"
Todd Ericson (F), Virgin Galactic
Kelly Latimer (M), Virgin Galactic

8:30am - 9:00am
"UH-1N Energy Maneuverability:
50 is the New 30"
Maj Andrew Fama, USAF (PAM)
Frederick McCarthy, Dept. of the Air Force
Andrew Whitten, Dept. of the Air Force

9:00am - 9:30am
"Objective Measures of Pilot Workload"
Lt Col Paul Calhoun, USAF
Maj Calvin D'Silva, USAF (PAM)
Dr. Thomas Schnell, University of Iowa
9:30am - 10:00am - Coffee Break

10:00am - 10:30am
"When V1 can be \geq or \leq VR -
Tiltrotor Transport Category Testing"
Paul Edwards (AF), Leonardo Helicopters

10:30am - 11:00am
"Boeing T-X: From Paper to Flight in 3 Years"
Daniel Draeger (AF), The Boeing Company
Steve Schmidt (M), The Boeing Company
Matthew Giese (M), The Boeing Company

11:00am - 11:30am
"The GE9X:
Flight Testing of the World's Largest Jet Engine"
Jon Ohman (AF), GE Aviation
Nathan Kamps, GE Aviation

LUNCHEON ~ 12:30pm - 2:00pm - Sequoia Ballroom
Guest Speaker: Richard Browning, Gravity Industries
"The Gravity JetSuit:
From VTOL to Aerodynamic Flight"

SESSION IV
2:30pm - 5:00pm, Friday, 27 September 2019

2:30pm - 3:00pm
"Active Control Sidestick Development and
Flight Test for the GVII-G500"
Scott Martin (AF), Gulfstream Aerospace
Francois Hugon, Gulfstream Aerospace

3:00pm - 3:30pm
"F-35 Climatic Chamber Testing"
Billie Flynn (F), Lockheed Martin
Victorio Rodriguez, Lockheed Martin

3:30pm - 4:00pm - Coffee Break

4:00pm - 4:30pm
"Tactile Cueing System for
Degraded Visual Environments"
Angus Rupert, U.S. Army Aeromedical Res. Lab

4:30pm - 5:00pm
"Testing the Bombardier Global 7500 Enhanced
Flight Vision System, and Calculating Visual
Advantage for the FAA"
William Colquhoun (M), Bombardier
Duane Moore, Bombardier

FRIDAY NIGHT RECEPTION & DANCE - Sequoia Ballroom
8:00pm - Midnight - Live DJ with Themed Tasting Rooms!

CONTINENTAL BREAKFAST - Sequoia Foyer
7:00am - 8:00am, Saturday, 28 September 2019
Saturday Chairman:
Terry LeSage (M), Cirrus Design
SESSION V - 8:00am - 11:40am

8:00am - 8:30am
"Why We I Don't Learn Lessons"
Art Tomassetti (F), Time2Climb
Training & Consulting

8:30am - 9:00am
"Space Shuttle Ascent Aborts"
Steven Carothers, Bombardier

9:00am - 9:30am
"Evaluate Carefully As You Might Be The User"
Stefan Hanekom (M), National Test Pilot School

9:30am - 10:00am - Coffee Break

10:00am - 10:30am
"Revisiting Canada's '1967 Centennial' Assault on
the World Absolute Attitude Record"
Col Robert White, RCAF (Ret)

10:30am - 11:00am
"Hidden Risk"
Roger Hehr (AF), The Boeing Company (Ret)

11:00am - 11:30am
"S-3A Mishap Lessons Learned - Or Not -
A Presentation Revisited"
Brett Pierson (AF), Textron Aviation

11:30am - 11:40am
"Flight Test Safety Committee Update"
Tom Huff (AF), Gulfstream
FTSC Chairman

THE ANNUAL BUSINESS MEETING WILL BEGIN
UPON ADJOURNMENT OF THE SYMPOSIUM

BANQUET RECEPTION - SEQUOIA FOYER
5:30pm - 6:30pm
AWARDS BANQUET - SEQUOIA BALLROOM
6:30pm

PREMIER SPONSORS



ADDITIONAL SPONSORS



AUDIO/VISUAL SUPPORT:



ORAL HISTORY SUPPORT:



The SETP Headquarters and registration desk will be in the Sequoia Foyer and will be open:

Wednesday	25 September, 10:00am - 8:00pm
Thursday	26 September, 7:00am - 4:30pm
Friday	27 September, 7:00am - 5:00pm (Reopens from 7:30pm - 9:00pm)
Saturday	28 September, 7:00am - 12:00pm (Reopens at 5:30pm)

SYMPOSIUM AND BANQUET COMMITTEE

General Chairman.....	RICARDO TRAVEN
Symposium Chairman.....	STUART ROGERSON
Luncheon Chairman.....	RICHARD LEE
New Member Reception Chairman	JAMEEL JANJUA
Friday Night Reception & Dance Chairman ..	DESMOND BROPHY
Banquet Chairman.....	ART TOMASSETTI
Displays Chairman	DAN VANDERHORST
Technical Tour Chairman	GERALD WHITES
Education Outreach Chairman.....	TIMOTHY MCDONALD
Sponsorship Chairwoman	LAURIE BALDERAS

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PROGRAM

THE SOCIETY OF EXPERIMENTAL TEST PILOTS



63RD SYMPOSIUM AND AWARDS BANQUET

25-28 SEPTEMBER 2019

GRAND CALIFORNIAN HOTEL ANAHEIM, CALIFORNIA

WELCOME

Welcome to The Society of Experimental Test Pilots' 63rd International "Report to the Aerospace Profession". Stuart Rogerson and his Symposium Team have developed an exceptional program with both formal and informal venues to allow a formal exchange of information, as well as facilitate networking and renew personal and professional friendships. Our goal is for you to enjoy this gathering and, most importantly, that you can gain some fresh perspectives to allow you to conduct flight tests more effectively and especially, more safely.



Maurice "Moe" Girard
SETP President, 2018-2019